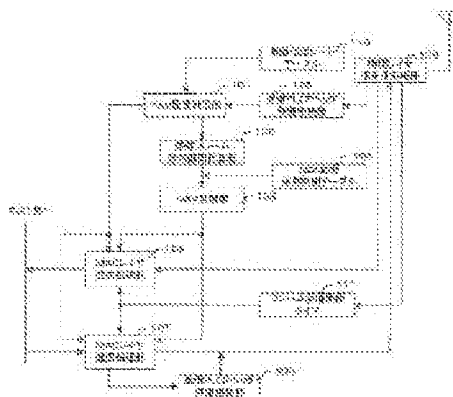


**RADIO CONNECTION DEVICE****Publication number:** JP2002198974 (A)**Publication date:** 2002-07-12**Inventor(s):** KOBAYASHI HIROKAZU; WATANABE YOSHINORI**Applicant(s):** MATSUSHITA ELECTRIC IND CO LTD**Classification:**- **international:** *H04L12/28; H04B7/26; H04L12/28; H04B7/26*; (IPC1-7): H04L12/28; H04B7/26- **European:****Application number:** JP20000394311 20001226**Priority number(s):** JP20000394311 20001226**Abstract of JP 2002198974 (A)**

**PROBLEM TO BE SOLVED:** To provide a radio connection device which sets up a NAV(Network Allocation Vector) artificially in order not to be a hidden terminal, when a NAV for decreasing CSMA/CA(Carrier Sense Multiple Access with Collision Avoidance) efficiency reduction caused by a hidden terminal cannot be analyzed due to frame transmission by an option rate. **SOLUTION:** When a frame transmitted with an unpackaged rate is received, a frame reception period is calculated based on a frame reception start time and the rate/length information stored at transmission section with a mandatory rate in a reception frame required period calculation unit (102). A trial for transmission right acquirement is prohibited until the period (frame reception period + ACK (Acknowledgement) response required period obtained at an ACK response required period table (104)) from the frame reception start time.



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